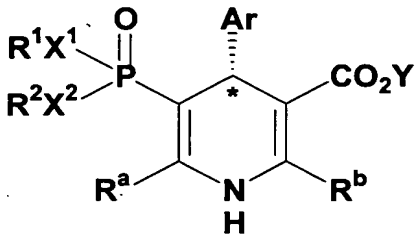
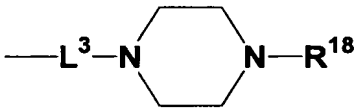
ABSTRACT

There is provided a T-type calcium channel blocker that is optically active 1,4-dihydropyridine compound, a pharmaceutically acceptable salt thereof or a solvate thereof, of formula (1)



(1)

wherein R^1 and R^2 are independently of each other C_{1-6} alkyl group or R^1 and R^2 together form $-CR^5R^6-CR^7R^8-$, $-CR^5R^6-CR^7R^8-CR^9R^{10}-$ or $-CR^5R^6-CR^7R^8-CR^9R^{10}-CR^{11}R^{12}-$, etc., X^1 and X^2 are independently of each other O or NR^{13}, Ar is optionally substituted phenyl group, etc., R^a and R^b are independently of each other C_{1-6} alkyl group, $-L^2-NR^{16}R^{17}$, $CH_2O-L^2-NR^{16}R^{17}$, CN, $-L^2-N(CH_2CH_2)_2NR^{16}$ or $NR^{16}R^{17}$, etc., Y is C_{1-20} alkyl group, $-L^3-NR^{18}R^{19}$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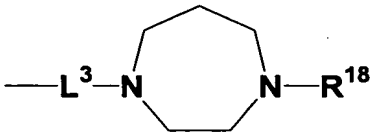

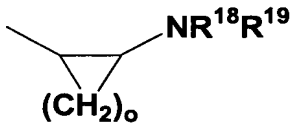
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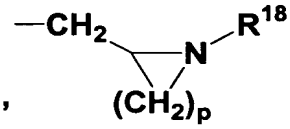
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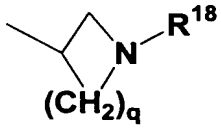

and * is absolute configuration of R.